

Pharmaceutical Composition Comprising Fungal Cell or Fragment Thereof

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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Presently Amended) A composition comprising:
a pharmaceutically active compound and a non-encapsulating adjuvant, wherein the adjuvant comprises a fungal cell or a fragment thereof, and wherein the adjuvant is present in an amount effective to increase the permeability of paracellular pathways in vivo.
2. (Original) A composition as claimed in claim 1, wherein the fungal cell fragment comprises a fungal cell wall or a part thereof.
3. (Previously Presented) A composition as claimed in claim 1, wherein the pharmaceutically active compound comprises a hydrophilic moiety.
4. (Previously Presented) A composition as claimed in claim 3, wherein the pharmaceutically active compound is hydrophilic or substantially hydrophilic.
5. (Previously Presented) A composition as claimed in claim 3, wherein the pharmaceutically active compound comprises a peptide.

6. (Previously Presented) A composition as claimed in claim 5, further comprising proteinase inhibitor.

7. (Previously Presented) A composition as claimed in claim 1, wherein the fungal cell or fungal cell fragment is derived from one or more fungi selected from the group consisting of Mastigomycotina, Zygomycotina, Ascomycotina, Basidiomycotina and Deuteromycotina.

8. (Previously Presented) A composition as claimed in claim 7, wherein the fungal cell or fungal cell fragment is derived from Ascomycotina.

9. (Previously Presented) A composition as claimed in claim 8, wherein the fungal cell or fungal cell fragment is derived from yeast.

10. (Previously Presented) A composition as claimed in claim 9, wherein the fungal cell or fungal cell fragment is derived from one or more selected from the group consisting of Candida albicans, Blastomyces dermatitidis, Coccidioides immitis, Histoplasma capsulatum, Paracoccidioides brasiliensis, Penicillium marneffei and Saccharomyces cerevisiae.

11. (Previously Presented) A composition as claimed in claim 10, wherein the fungal cell or fungal cell fragment is derived from Saccharomyces cerevisiae.

12. (Previously Presented) A composition as claimed in claim 10, wherein the fungal cell or fungal cell fragment contains chitin and/or chitosan.

13. (Original) A composition as claimed in claim 12, wherein the fungal cell or fungal cell fragment contains chitin in an amount of at least about 5% by dry weight.

14. (Previously Presented) A composition as claimed in claim 12, wherein the fungal cell or fungal cell fragment contains chitosan in an amount of at least about 5% by dry weight.

15. (Presently Amended) A composition comprising:
a pharmaceutically active compound and a non-encapsulating adjuvant, wherein the adjuvant
comprises a fungal cell or a fragment thereof, and A composition as claimed in claim 12,
wherein the pharmaceutically active compound is absorbed via the paracellular pathway.

16. (Presently Amended) A composition as claimed in claim-12 15, wherein the adjuvant is present in an amount effective to increase the permeability of paracellular pathways in vivo.

17. (Presently Amended) A pharmaceutical composition comprising a composition as claimed in claim 15 and a pharmaceutically active compound encapsulated within a yeast cell.

18. (Presently Amended) A composition as claimed in claim 15 for use as a medicament.

19-22. (Cancelled)